

**APPENDIX**  
Issued Patents

Line No.	Patent Number	Title	Issue Date	Recordation Information
1.	6,990,096	CELL-BASED SWITCH FABRIC ARCHITECTURE IMPLEMENTED ON A SINGLE CHIP	01/24/2006	<p>Reel/Frame: 012368/0489  Assignors: NORMAN, RICHARD S., ET AL.  Assignee: HYPERCHIP INC.</p> <p>Reel/Frame: 012366/0364  Assignors: BOUDREAULT, YVES  Assignee: HYPERCHIP INC.</p> <p>Reel/Frame: 015981/0394  Assignors: HYPERCHIP INC.  Assignee: 4198638 CANADA INC.</p> <p>Reel/Frame: 021731/0674  Assignors: 4198638 CANADA INC.  Assignee: HYPERCHIP INC.</p> <p>Reel/Frame: 022427/0703  Assignors: HYPERCHIP INC.  Assignee: XILUSHUA NETWORKS LIMITED LIABILITY COMPANY</p>
2.	6,990,097	CELL-BASED SWITCH FABRIC WITH INTER-CELL CONTROL FOR REGULATING PACKET FLOW	01/24/2006	<p>Reel/Frame: 012368/0521  Assignors: NORMAN, RICHARD S., ET AL.  Assignee: HYPERCHIP INC.</p> <p>Reel/Frame: 012368/0525  Assignors: BOUDREAULT, YVES  Assignee: HYPERCHIP INC.</p> <p>Reel/Frame: 015981/0394  Assignors: HYPERCHIP INC.  Assignee: 4198638 CANADA INC.</p> <p>Reel/Frame: 021731/0674  Assignors: 4198638 CANADA INC.  Assignee: HYPERCHIP INC.</p> <p>Reel/Frame: 022427/0703  Assignors: HYPERCHIP INC.  Assignee: XILUSHUA NETWORKS LIMITED LIABILITY COMPANY</p>
3.	7,277,429	CELL-BASED SWITCH FABRIC WITH DISTRIBUTED SCHEDULING	10/02/2007	<p>Reel/Frame: 012368/0513  Assignors: NORMAN, RICHARD S., ET AL.  Assignee: HYPERCHIP INC.</p> <p>Reel/Frame: 012368/0476  Assignors: BOUDREAULT, YVES  Assignee: HYPERCHIP INC.</p> <p>Reel/Frame: 015981/0394  Assignors: HYPERCHIP INC.</p>

				Assignee: 4198638 CANADA INC.  Reel/Frame: 021731/0674 Assignors: 4198638 CANADA INC. Assignee: HYPERCHIP INC.  Reel/Frame: 022427/0703 Assignors: HYPERCHIP INC. Assignee: XILUSHUA NETWORKS LIMITED LIABILITY COMPANY
4.	7,197,042	CELL-BASED SWITCH FABRIC WITH CELL-TO-LINE-CARD CONTROL FOR REGULATING INJECTION OF PACKETS	03/27/2007	Reel/Frame: 012368/0517 Assignors: NORMAN, RICHARD S., ET AL. Assignee: HYPERCHIP INC.  Reel/Frame: 015981/0394 Assignors: HYPERCHIP INC. Assignee: 4198638 CANADA INC.  Reel/Frame: 021731/0674 Assignors: 4198638 CANADA INC. Assignee: HYPERCHIP INC.  Reel/Frame: 022427/0703 Assignors: HYPERCHIP INC. Assignee: XILUSHUA NETWORKS LIMITED LIABILITY COMPANY
5.	7,274,702	PROGRAMMABLE INTERCONNECT SYSTEM FOR SCALABLE ROUTER	09/25/2007	Reel/Frame: 012851/0087 Assignors: TOUTANT, RENE, ET AL. Assignee: HYPERCHIP INC.  Reel/Frame: 015981/0394 Assignors: HYPERCHIP INC. Assignee: 4198638 CANADA INC.  Reel/Frame: 021731/0674 Assignors: 4198638 CANADA INC. Assignee: HYPERCHIP INC.  Reel/Frame: 022427/0703 Assignors: HYPERCHIP INC. Assignee: XILUSHUA NETWORKS LIMITED LIABILITY COMPANY

**APPENDIX**  
Pending Applications

Line No.	Application Number	Title	Filing Date	Recordation Information
6.	11/474,480	CELL-BASED SWITCH FABRIC WITH DISTRIBUTED ARBITRATION	06/26/2006	<p>Reel/Frame: 012368/0529  Assignors: NORMAN, RICHARD S., ET AL.  Assignee: HYPERCHIP INC.</p> <p>Reel/Frame: 012368/0509  Assignors: BOUDREAULT, YVES  Assignee: HYPERCHIP INC.</p> <p>Reel/Frame: 015981/0394  Assignors: HYPERCHIP INC.  Assignee: 4198638 CANADA INC.</p> <p>Reel/Frame: 021731/0674  Assignors: 4198638 CANADA INC.  Assignee: HYPERCHIP INC.</p> <p>Reel/Frame: 022427/0703  Assignors: HYPERCHIP INC.  Assignee: XILUSHUA NETWORKS LIMITED LIABILITY COMPANY</p>